



# Coursera - Create your first custom VPC and its components in AWS

Generated on December 12, 2023

## Summary

Notes

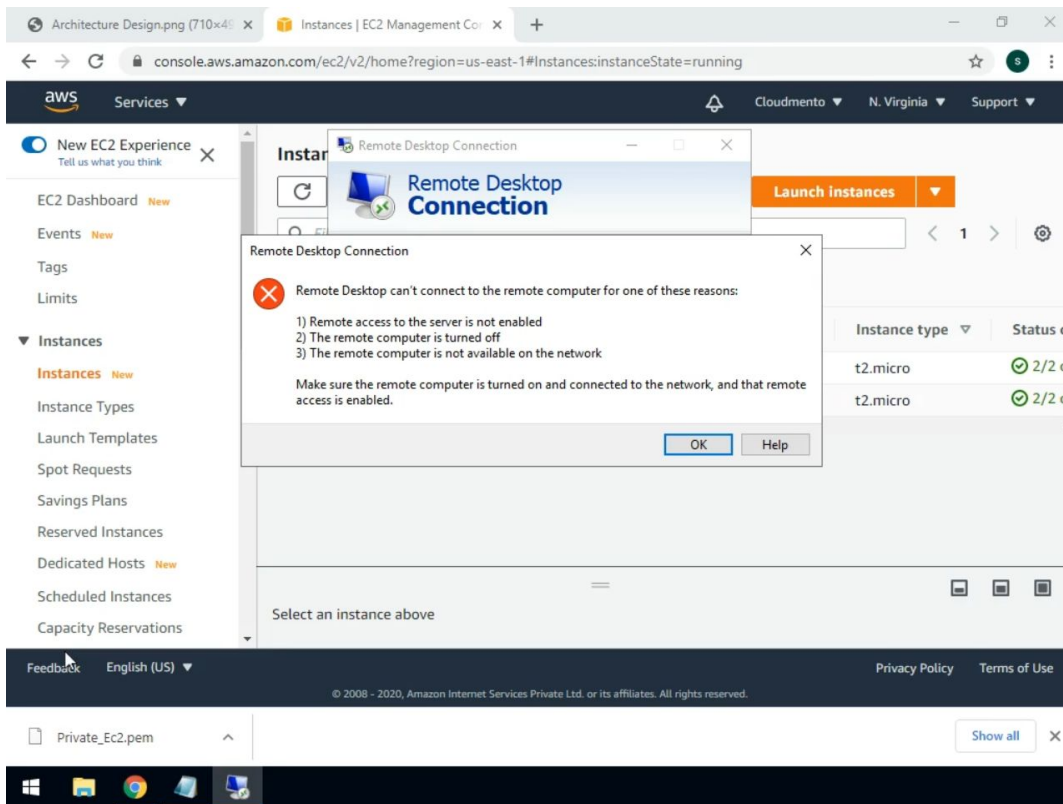
Screenshots

Bookmarks

5

14

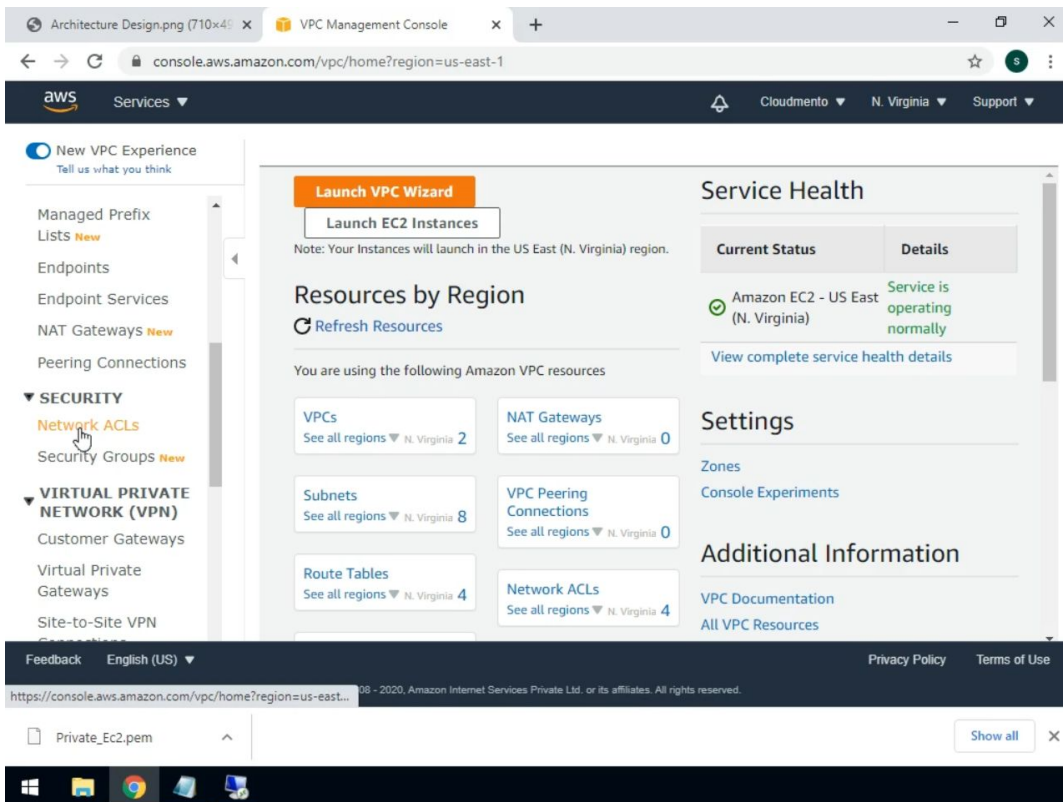
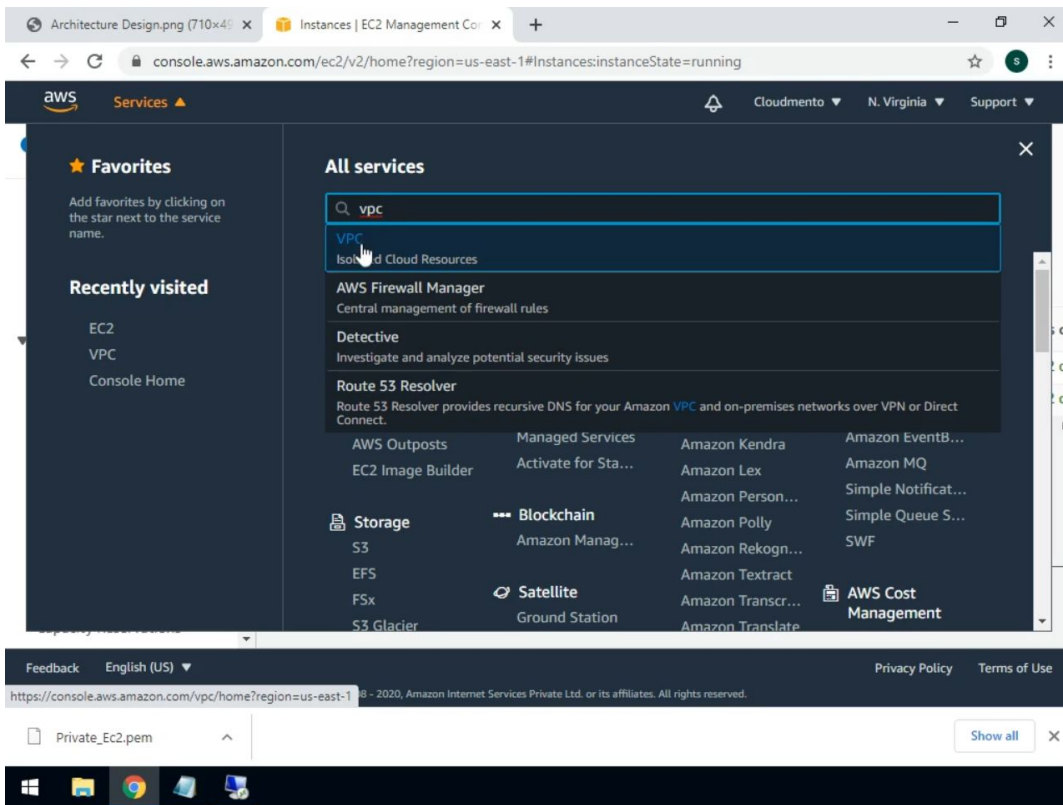
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0:04

in this task we will connctet our private\_ec2 instance  
from public\_ec2 instance that we connect

0:08



Architecture Design.png (710x45) x Network ACLs | VPC Manager x +

console.aws.amazon.com/vpc/home?region=us-east-1#acls:sort=networkAclId

aws Services

New VPC Experience  
Tell us what you think

Carrier Gateways **New**  
DHCP Options Sets **New**  
Elastic IPs **New**  
Managed Prefix Lists **New**  
Endpoints  
Endpoint Services  
NAT Gateways **New**  
Peering Connections

**SECURITY**  
**Network ACLs**  
Security Groups **New**

**VIRTUAL PRIVATE NETWORK (VPN)**  
Customer Gateways

Create network ACL Actions

Filter by tags and attributes or search by keyword

Name	Network ACL ID	Associated with	Default	VPC
Public_Nacl	acl-04b64d82e74e...	subnet-097cc3dd5...	No	vpc-0321cd25bc891fd...
	acl-0976811c4932...	-	Yes	vpc-0321cd25bc891fd...
Private_Nacl	acl-0de2b07d7326...	subnet-021f90c63...	No	vpc-0321cd25bc891fd...

Network ACL: acl-04b64d82e74ebd104

Details Inbound Rules Outbound Rules Subnet associations Tags

Edit inbound rules

View All rules

Rule #	Type	Protocol	Port Range	Source	Allow / Deny
100	HTTP (80)	TCP (6)	80	0.0.0.0/0	ALLOW

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Private\_Ec2.pem Show all x

0:58

Architecture Design.png (710x45) x Edit inbound rules | VPC Manager x +

console.aws.amazon.com/vpc/home?region=us-east-1#EditInboundRules:networkAclId=acl-04b64d82e74ebd104

aws Services

Network ACLs > Edit inbound rules

### Edit inbound rules

Network ACL acl-04b64d82e74ebd104

Rule #	Type	Protocol	Port Range	Source	Allow / Deny
100	HTTP (80)	TCP (6)	80	0.0.0.0/0	Allow
110	RDP (3389)	TCP (6)	3389	0.0.0.0/0	Allow
120	Custom TCP Rule	TCP (6)	1024-65535	10.1.2.0/24	Allow

Add Rule

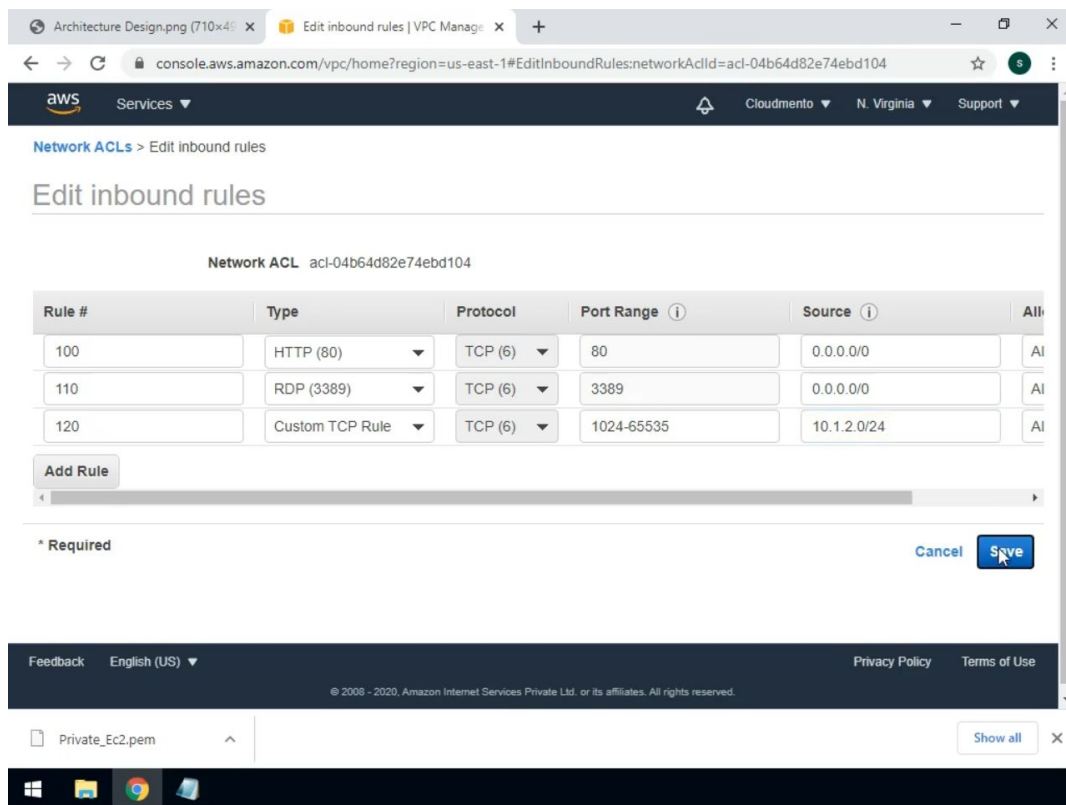
\* Required Cancel Save

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Private\_Ec2.pem Show all x

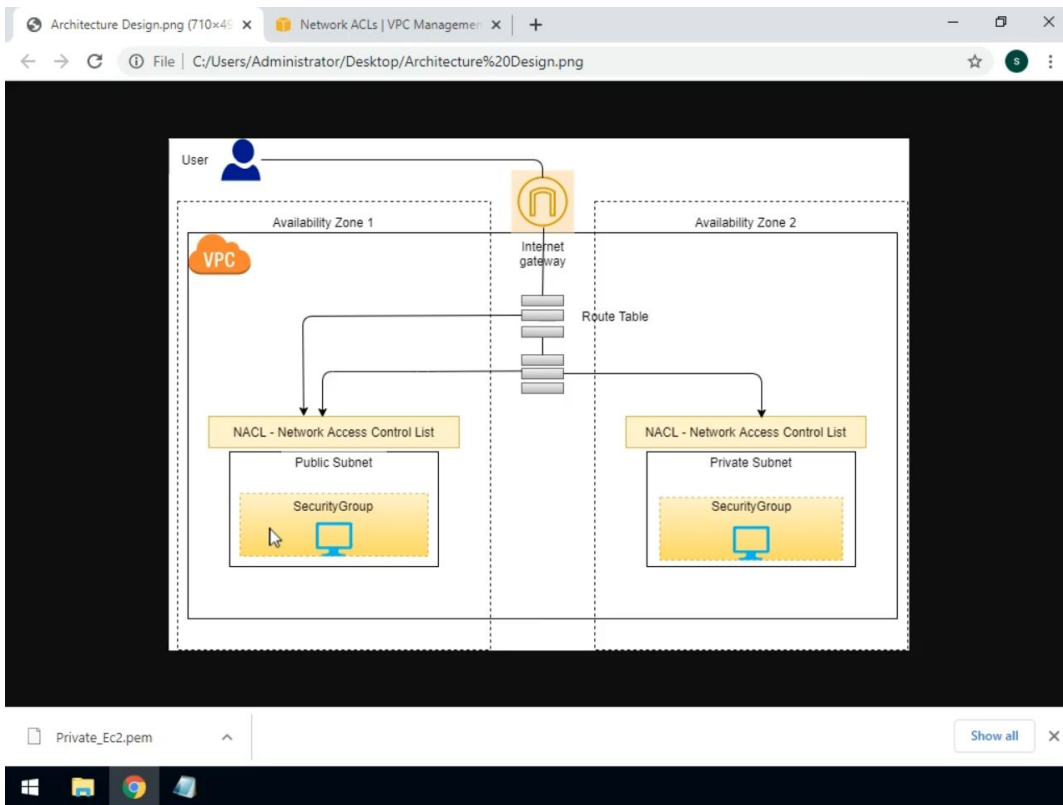
1:31



▶ 1:32

we do not know the specific rule to which private\_Ec2 listen  
the public-Ec2 instance so we will give a random range in  
inbound rules.

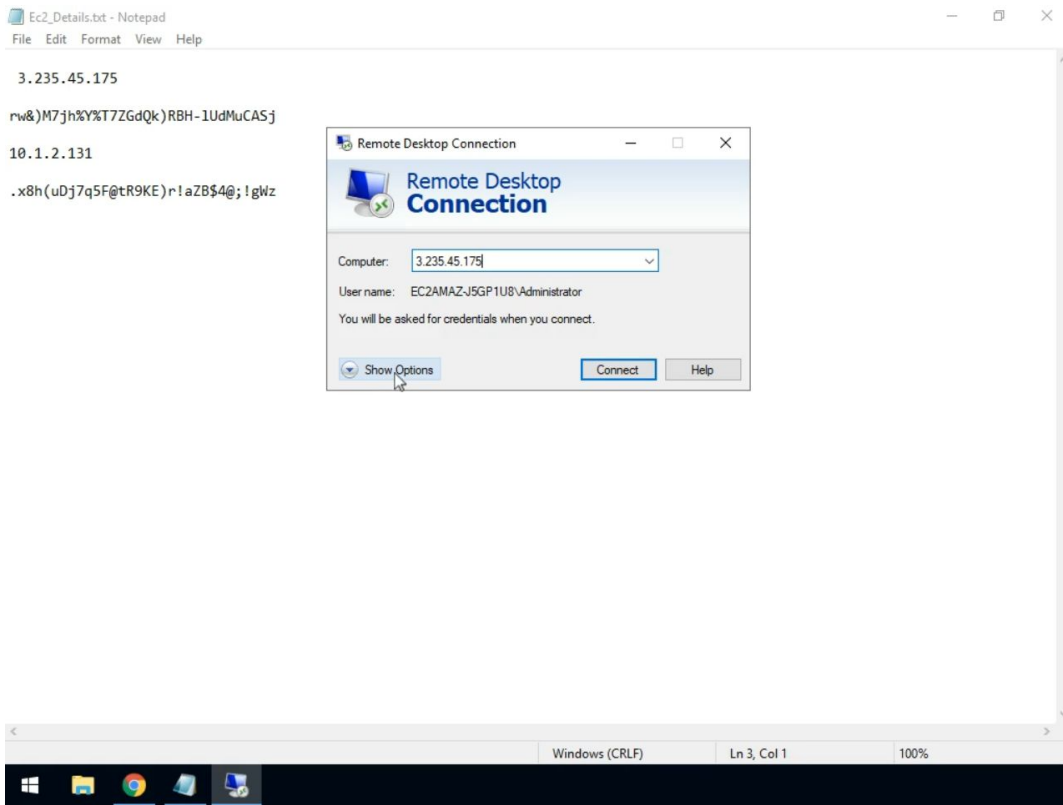
▶ 2:12



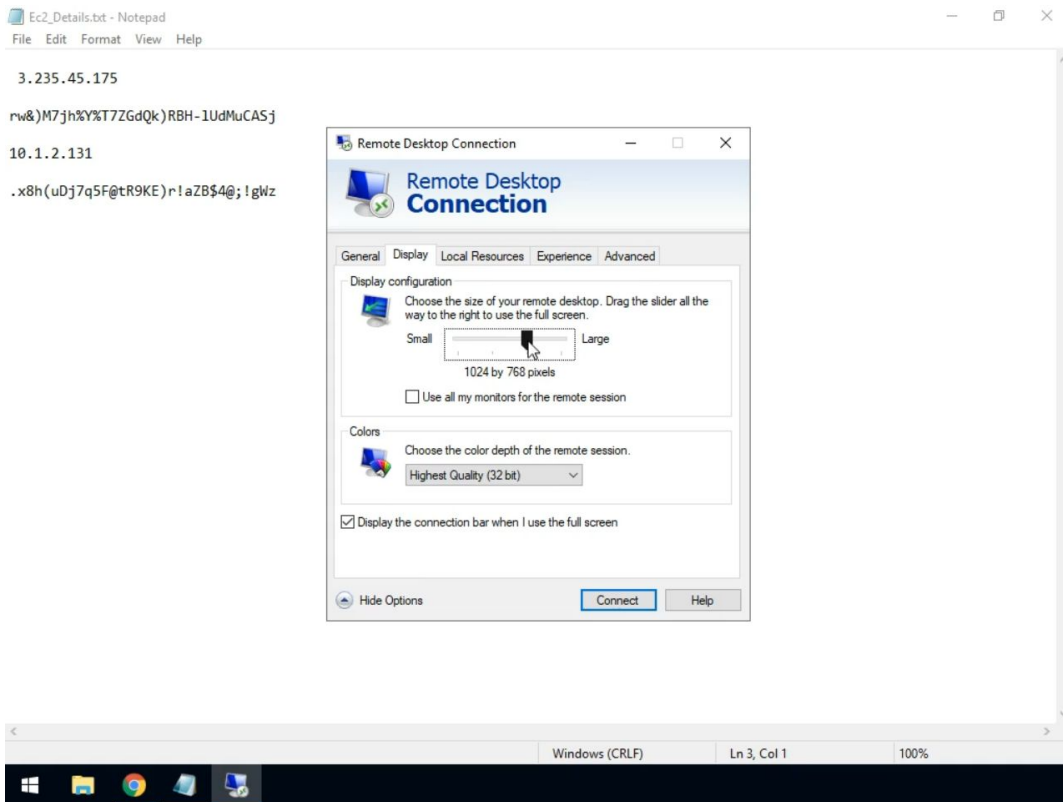
2:28

first we will connect to public instance and then  
we will connect to private instance

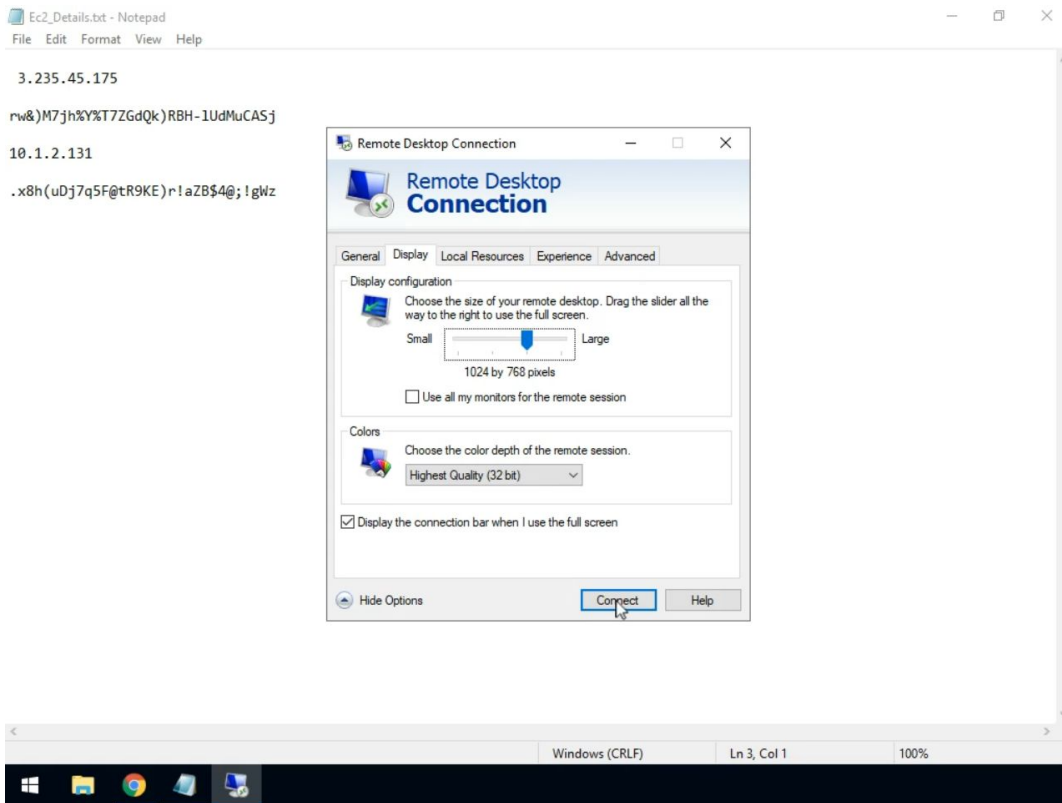
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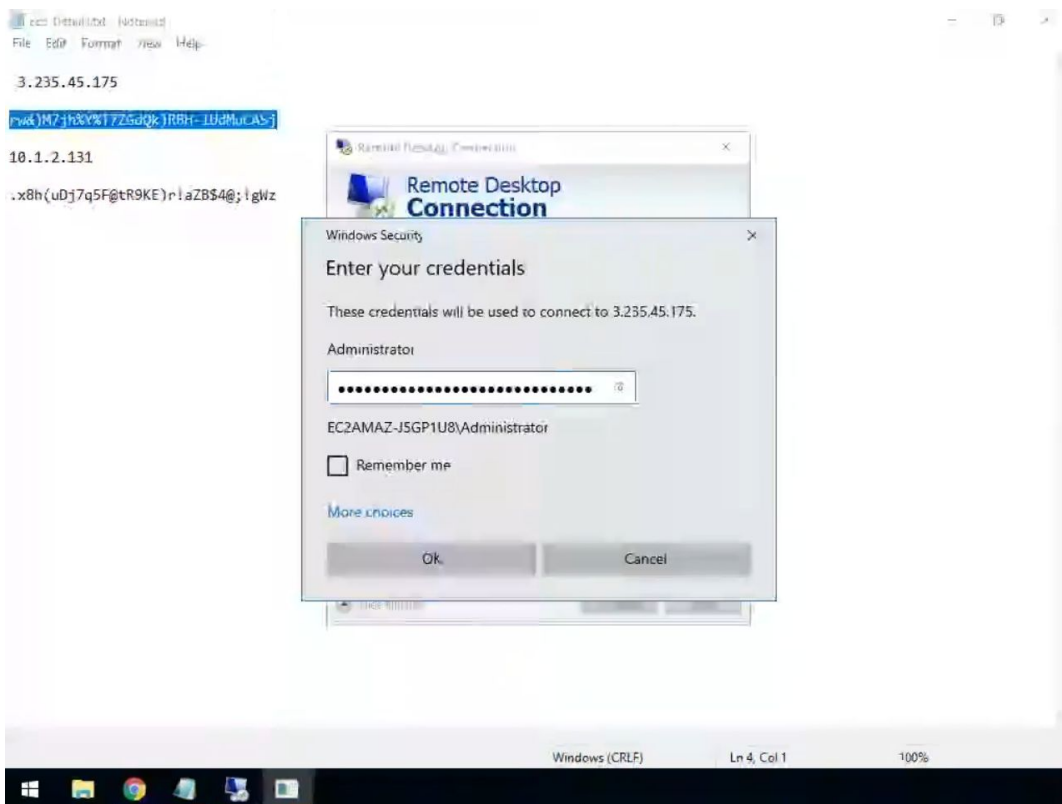
2:59



3:06

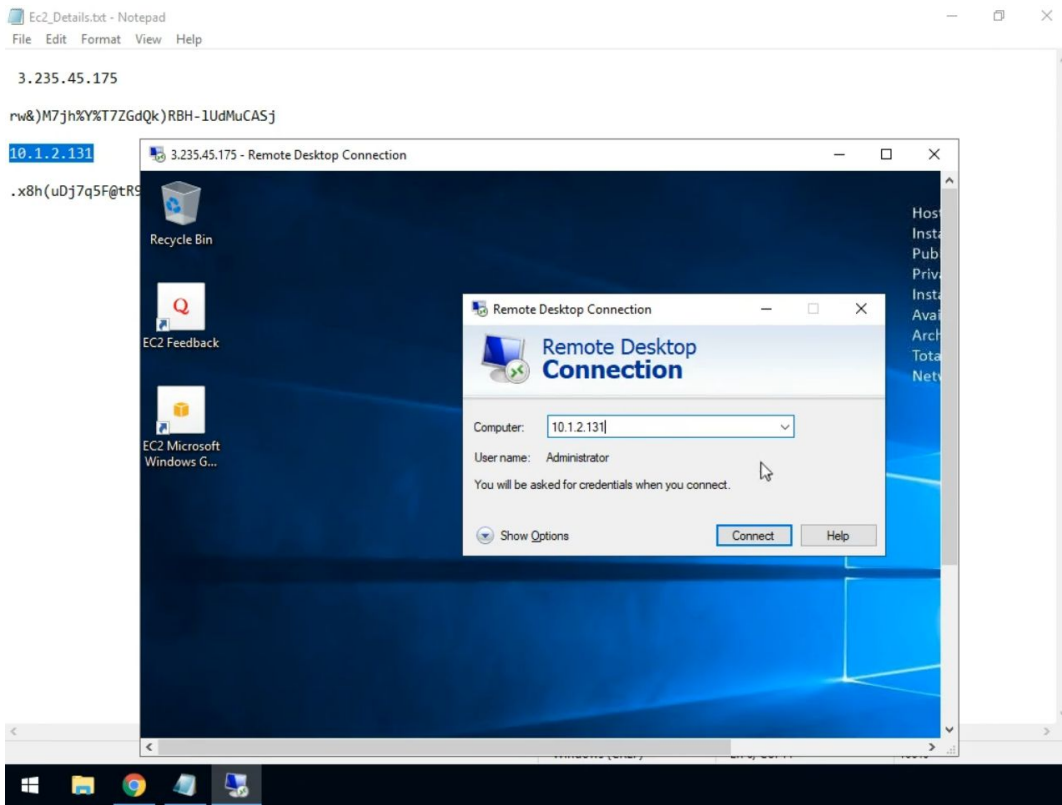


▶ 3:14

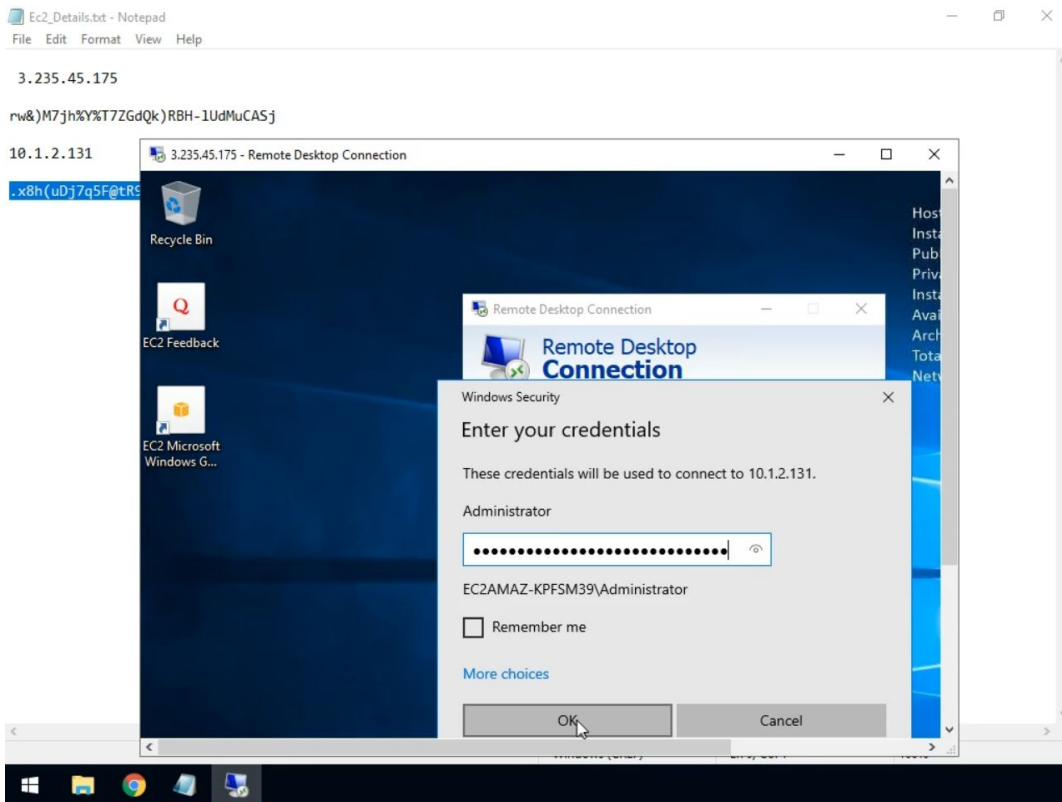


▶ 3:24



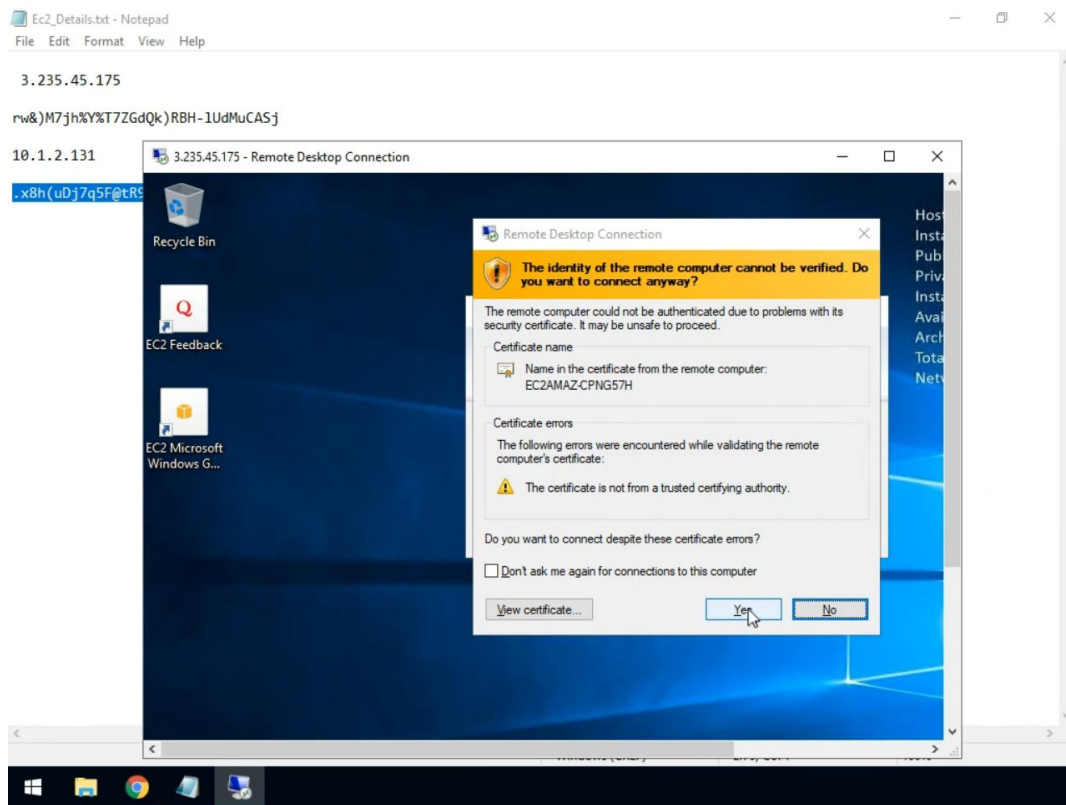


▶ 3:56



▶ 4:17





▶ 4:21

successfully connected

▶ 4:38

last thing is stop or terminate the instance

▶ 5:12